

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 19517,079 B
Source: TFWD
Date Processed by STIC: 8/28/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/517,079B

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleic
 _✓ Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
- 4 Non-ASCII The submitted file was **not saved** in ASCII(DOS) text, as **required** by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) _____ contain n's or Xaa's representing more than one residue. **Per Sequence Rules**, **each n or Xaa can only represent a single residue**. Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7 Skipped Sequences
(OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
- 8 Skipped Sequences
(NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220>
 _✓ Sequence(s) 151-31908 missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:32

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

4 <110> APPLICANT: CePeP AB
6 <120> TITLE OF INVENTION: Cell Penetrating Peptides
9 <130> FILE REFERENCE: pd53495XX01
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/517,079B
C--> 11 <141> CURRENT FILING DATE: 2004-12-06
11 <160> NUMBER OF SEQ ID NOS: 31933
13 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

2257 <210> SEQ ID NO: 151
2258 <211> LENGTH: 12
2259 <212> TYPE: PRT
2260 <213> ORGANISM: Homo Sapiens
2262 <2207> LOCATION: (405)...(417)
2263 <223> OTHER INFORMATION: 5H1A_HUMAN
E-> 2264 <400> SEQUENCE: 151
2265 Lys Asp Phe Gln Asn Ala Phe Lys Lys Ile Ile Lys
2266 1 5 10
2270 <210> SEQ ID NO: 152
2271 <211> LENGTH: 12
2272 <212> TYPE: PRT
2273 <213> ORGANISM: Homo Sapiens
2275 <222> LOCATION: (407)...(419)
2276 <223> OTHER INFORMATION: 5H1A_HUMAN
E-> 2277 <400> SEQUENCE: 152
2278 Phe Gln Asn Ala Phe Lys Lys Ile Ile Lys Cys Lys
2279 1 5 10
2283 <210> SEQ ID NO: 153
2284 <211> LENGTH: 12
2285 <212> TYPE: PRT
2286 <213> ORGANISM: Homo Sapiens
2288 <222> LOCATION: (408)...(420)
2289 <223> OTHER INFORMATION: 5H1A_HUMAN
E-> 2290 <400> SEQUENCE: 153
2291 Gln Asn Ala Phe Lys Lys Ile Ile Lys Cys Lys Phe
2292 1 5 10
2296 <210> SEQ ID NO: 154
2297 <211> LENGTH: 12
2298 <212> TYPE: PRT
2299 <213> ORGANISM: Homo Sapiens
2301 <222> LOCATION: (69)...(81)

Does Not Comply
Corrected Diskette Needed

(pg. 1-12)

pls

insert

2207, whenever
222

2217 or 2237 is

or 2237 is present!

↓ Present

See item # 11 on
error summary sheet.

The above errors are seen
globally throughout the sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:32

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

OK *<2207*
2302 <223> OTHER INFORMATION: 5H1B_HUMAN
OK > 2303 <400> SEQUENCE: 154
2304 Phe Val Ile Ala Thr Val Tyr Arg Thr Arg Lys Leu
2305 1 5 10
2309 <210> SEQ ID NO: 155
2310 <211> LENGTH: 12
2311 <212> TYPE: PRT
2312 <213> ORGANISM: Homo Sapiens
2314 *<2207* <222> LOCATION: (70)...(82)
OK 2315 <223> OTHER INFORMATION: 5H1B_HUMAN
OK > 2316 <400> SEQUENCE: 155
2317 Val Ile Ala Thr Val Tyr Arg Thr Arg Lys Leu His
2318 1 5 10
2322 <210> SEQ ID NO: 156
2323 <211> LENGTH: 12
2324 <212> TYPE: PRT
2325 <213> ORGANISM: Homo Sapiens
2327 <222> LOCATION: (71)...(83)
OK > 2328 <223> OTHER INFORMATION: 5H1B_HUMAN
OK > 2329 <400> SEQUENCE: 156
2330 Ile Ala Thr Val Tyr Arg Thr Arg Lys Leu His Thr
2331 1 5 10
2335 <210> SEQ ID NO: 157
2336 <211> LENGTH: 12
2337 <212> TYPE: PRT
2338 <213> ORGANISM: Homo Sapiens
2340 <222> LOCATION: (297)...(309)
OK > 2341 <223> OTHER INFORMATION: 5H1B_HUMAN
OK > 2342 <400> SEQUENCE: 157
2343 Ala Leu Leu Glu Lys Lys Lys Leu Met Ala Ala Arg
2344 1 5 10
2348 <210> SEQ ID NO: 158
2349 <211> LENGTH: 12
2350 <212> TYPE: PRT
2351 <213> ORGANISM: Homo Sapiens
2352 <222> LOCATION: (310)...(322)
2354 <223> OTHER INFORMATION: 5H1B_HUMAN
OK > 2355 <400> SEQUENCE: 158
2356 Arg Lys Ala Thr Lys Thr Leu Gly Ile Ile Leu Gly
2357 1 5 10
2361 <210> SEQ ID NO: 159
2362 <211> LENGTH: 12
2363 <212> TYPE: PRT
2364 <213> ORGANISM: Homo Sapiens
2366 <222> LOCATION: (376)...(388)
OK > 2367 <223> OTHER INFORMATION: 5H1B_HUMAN
OK > 2368 <400> SEQUENCE: 159
2369 Phe Lys Gln Ala Phe His Lys Leu Ile Arg Phe Lys
2370 1 5 10

<2207 *p/s*
insert + whenever
<2207> *<2227*
<2217> *<2237* is
OR *<2237* present!

See item
11 on
error
Summary
Sheet

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:32

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

2374 <210> SEQ ID NO: 160
 2375 <211> LENGTH: 12
 2376 <212> TYPE: PRT
 2377 <213> ORGANISM: Homo Sapiens
 2378 <222> LOCATION: (295)...(307)
 2380 <223> OTHER INFORMATION: 5H1D_HUMAN
 OK 2381 <400> SEQUENCE: 160
 2382 Arg Glu Arg Lys Ala Thr Lys Ile Leu Gly Ile Ile
 2383 1 5 10
 2387 <210> SEQ ID NO: 161
 2388 <211> LENGTH: 12
 2389 <212> TYPE: PRT
 2390 <213> ORGANISM: Homo Sapiens
 2392 <222> LOCATION: (297)...(309)
 2393 <223> OTHER INFORMATION: 5H1D_HUMAN
 616 > 2394 <400> SEQUENCE: 161
 2395 Arg Lys Ala Thr Lys Ile Leu Gly Ile Ile Leu Gly
 2396 1 5 10
 2400 <210> SEQ ID NO: 162
 2401 <211> LENGTH: 12
 2402 <212> TYPE: PRT
 2403 <213> ORGANISM: Homo Sapiens
 2405 <222> LOCATION: (133)...(145)
 2406 <223> OTHER INFORMATION: 5H1E_HUMAN
 OK 2407 <400> SEQUENCE: 162
 2408 Lys Arg Thr Ala Lys Arg Ala Ala Leu Met Ile Leu
 2409 1 5 10
 2413 <210> SEQ ID NO: 163
 2414 <211> LENGTH: 12
 2415 <212> TYPE: PRT
 2416 <213> ORGANISM: Homo Sapiens
 2418 <222> LOCATION: (287)...(299)
 2419 <223> OTHER INFORMATION: 5H1E_HUMAN
 OK 2420 <400> SEQUENCE: 163
 2421 Arg Lys Ala Ala Arg Ile Leu Gly Leu Ile Leu Gly
 2422 1 5 10
 2426 <210> SEQ ID NO: 164
 2427 <211> LENGTH: 12
 2428 <212> TYPE: PRT
 2429 <213> ORGANISM: Homo Sapiens
 2431 <222> LOCATION: (134)...(146)
 2432 <223> OTHER INFORMATION: 5H1F_HUMAN
 OK 2433 <400> SEQUENCE: 164
 2434 Lys Arg Thr Pro Lys His Ala Gly Ile Met Ile Thr
 2435 1 5 10
 2439 <210> SEQ ID NO: 165
 2440 <211> LENGTH: 12
 2441 <212> TYPE: PRT
 2442 <213> ORGANISM: Homo Sapiens

OK Same errors
 OK See item # 11 on error
 Summary Sheet,

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:32

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

L200

2444 <222> LOCATION: (198)...(210)
OK 2445 <223> OTHER INFORMATION: 5H1F_HUMAN
 2446 <400> SEQUENCE: 165
BK 2447 Leu Ile Leu Tyr Tyr Lys Ile Tyr Arg Ala Ala Lys
 2448 1 5 10
 2452 <210> SEQ ID NO: 166
 2453 <211> LENGTH: 12
 2454 <212> TYPE: PRT
 2455 <213> ORGANISM: Homo Sapiens
L207 2457 <222> LOCATION: (199)...(211)
 2458 <223> OTHER INFORMATION: 5H1F_HUMAN
BK 2459 <400> SEQUENCE: 166
BL 2460 Ile Leu Tyr Tyr Lys Ile Tyr Arg Ala Ala Lys Thr
 2461 1 5 10
 2465 <210> SEQ ID NO: 167
 2466 <211> LENGTH: 12
 2467 <212> TYPE: PRT
 2468 <213> ORGANISM: Homo Sapiens
 2470 <222> LOCATION: (200)...(212)
 2471 <223> OTHER INFORMATION: 5H1F_HUMAN
BL 2472 <400> SEQUENCE: 167
BL 2473 Leu Tyr Tyr Lys Ile Tyr Arg Ala Ala Lys Thr Leu
 2474 1 5 10
 2478 <210> SEQ ID NO: 168
 2479 <211> LENGTH: 12
 2480 <212> TYPE: PRT
 2481 <213> ORGANISM: Homo Sapiens
L20 2483 <222> LOCATION: (203)...(215)
 2484 <223> OTHER INFORMATION: 5H1F_HUMAN
BL 2485 <400> SEQUENCE: 168
BL 2486 Lys Ile Tyr Arg Ala Ala Lys Thr Leu Tyr His Lys
 2487 1 5 10
 2491 <210> SEQ ID NO: 169
 2492 <211> LENGTH: 12
 2493 <212> TYPE: PRT
 2494 <213> ORGANISM: Homo Sapiens
L20 2496 <222> LOCATION: (188)...(200)
 2497 <223> OTHER INFORMATION: 5H2A_HUMAN
BL 2498 <400> SEQUENCE: 169
BL 2499 Ser Arg Thr Lys Ala Phe Leu Lys Ile Ile Ala Val
 2500 1 5 10
 2504 <210> SEQ ID NO: 170
 2505 <211> LENGTH: 12
 2506 <212> TYPE: PRT
 2507 <213> ORGANISM: Homo Sapiens
L20 2509 <222> LOCATION: (189)...(201)
 2510 <223> OTHER INFORMATION: 5H2A_HUMAN
OK 2511 <400> SEQUENCE: 170
 2512 Arg Thr Lys Ala Phe Leu Lys Ile Ile Ala Val Trp

MSame
errors
 ==

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:32

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

2513 1 5 *pls insert, see item # 11 on error summary sheet.*

14451 <210> SEQ ID NO: 1089
14452 <211> LENGTH: 9
14453 <212> TYPE: PRT
14454 <213> ORGANISM: Homo Sapiens
14456 <222> LOCATION: (305)... (317)
14457 <223> OTHER INFORMATION: O2B6_HUMAN
E--> 14458 <400> SEQUENCE: 1089
14459 Val Ala Arg Val Phe Leu Ile Lys Lys
E--> 14460 1 5 *delete*
14464 <210> SEQ ID NO: 1090
14465 <211> LENGTH: 8
14466 <212> TYPE: PRT
14467 <213> ORGANISM: Homo Sapiens
14468 <222> LOCATION: (306)... (318)
14470 <223> OTHER INFORMATION: O2B6_HUMAN
E--> 14471 <400> SEQUENCE: 1090
14472 Ala Arg Val Phe Leu Ile Lys Lys
E--> 14473 1 5 *Same error* *delete*
14477 <210> SEQ ID NO: 1091
14478 <211> LENGTH: 7
14479 <212> TYPE: PRT
14480 <213> ORGANISM: Homo Sapiens
14482 <222> LOCATION: (307)... (319)
14483 <223> OTHER INFORMATION: O2B6_HUMAN
E--> 14484 <400> SEQUENCE: 1091
14485 Arg Val Phe Leu Ile Lys Lys
E--> 14486 1 5 *Same error* *delete*
35198 <210> SEQ ID NO: 2685
35199 <211> LENGTH: 16
35200 <212> TYPE: PRT
35201 <213> ORGANISM: Homo Sapiens
35203 <222> LOCATION: (334)... (350)
35204 <223> OTHER INFORMATION: 5H1A_HUMAN
E--> 35205 <400> SEQUENCE: 2685
35206 Lys Met Ala Leu Ala Arg Glu Arg Lys Thr Val Lys Thr Leu Gly Ile
E--> 35207 1 5 *Same error* *delete*
35211 <210> SEQ ID NO: 2686
35212 <211> LENGTH: 16
35213 <212> TYPE: PRT
35214 <213> ORGANISM: Homo Sapiens
35216 <222> LOCATION: (335)... (351)
35217 <223> OTHER INFORMATION: 5H1A_HUMAN
E--> 35218 <400> SEQUENCE: 2686
35219 Met Ala Leu Ala Arg Glu Arg Lys Thr Val Lys Thr Leu Gly Ile Ile
E--> 35220 1 5 *Same error* *delete*
35224 <210> SEQ ID NO: 2687
35225 <211> LENGTH: 16
35226 <212> TYPE: PRT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:33

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

35227 <213> ORGANISM: Homo Sapiens SAME error
 35229 <222> LOCATION: (336)... (352)
 35230 <223> OTHER INFORMATION: 5H1A_HUMAN
 E-> 35231 <400> SEQUENCE: 2687
 35232 Ala Leu Ala Arg Glu Arg Lys Thr Val Lys Thr Leu Gly Ile Ile Met
 E--> 35233 1 5 10 15
 35237 <210> SEQ ID NO: 2688
 35238 <211> LENGTH: 16
 35239 <212> TYPE: PRT
 35240 <213> ORGANISM: Homo Sapiens
 35242 <222> LOCATION: (337)... (353)
 35243 <223> OTHER INFORMATION: 5H1A_HUMAN
 E-> 35244 <400> SEQUENCE: 2688
 35245 Leu Ala Arg Glu Arg Lys Thr Val Lys Thr Leu Gly Ile Ile Met Gly
 E--> 35246 1 5 10 15
 35250 <210> SEQ ID NO: 2689
 35251 <211> LENGTH: 16
 35252 <212> TYPE: PRT
 35253 <213> ORGANISM: Homo Sapiens
 35255 <222> LOCATION: (290)... (306)
 35256 <223> OTHER INFORMATION: 5H1B_HUMAN
 E-> 35257 <400> SEQUENCE: 2689
 35258 Val Lys Val Arg Val Ser Asp Ala Leu Leu Glu Lys Lys Lys Leu Met
 E--> 35259 1 5 10 15
 35263 <210> SEQ ID NO: 2690
 35264 <211> LENGTH: 16
 35265 <212> TYPE: PRT
 35266 <213> ORGANISM: Homo Sapiens
 35268 <222> LOCATION: (291)... (307)
 E-> 35269 <223> OTHER INFORMATION: 5H1B_HUMAN
 E-> 35270 <400> SEQUENCE: 2690
 35271 Lys Val Arg Val Ser Asp Ala Leu Leu Glu Lys Lys Lys Leu Met Ala
 E--> 35272 1 5 10 15
 35276 <210> SEQ ID NO: 2691
 35277 <211> LENGTH: 16
 35278 <212> TYPE: PRT
 35279 <213> ORGANISM: Homo Sapiens
 35281 <222> LOCATION: (304)... (320)
 35282 <223> OTHER INFORMATION: 5H1B_HUMAN
 E-> 35283 <400> SEQUENCE: 2691
 35284 Leu Met Ala Ala Arg Glu Arg Lys Ala Thr Lys Thr Leu Gly Ile Ile
 E--> 35285 1 5 10 15
 35289 <210> SEQ ID NO: 2692
 35290 <211> LENGTH: 16
 35291 <212> TYPE: PRT
 35292 <213> ORGANISM: Homo Sapiens
 35294 <222> LOCATION: (305)... (321)
 35295 <223> OTHER INFORMATION: 5H1B_HUMAN
 E-> 35296 <400> SEQUENCE: 2692

pls insert <220>
 pls insert <220>
 \s insert
 \s insert
 \s insert
 \s insert

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:33

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

35297 Met Ala Ala Arg Glu Arg Lys Ala Thr Lys Thr Leu Gly Ile Ile Leu
E--> 35298 1 5 10 15
 35302 <210> SEQ ID NO: 2693
 35303 <211> LENGTH: 16
 35304 <212> TYPE: PRT
 35305 <213> ORGANISM: Homo Sapiens
 35307 <222> LOCATION: (308)...(324)
 35308 <223> OTHER INFORMATION: 5H1B_HUMAN
E--> 35309 <400> SEQUENCE: 2693
 35310 Arg Glu Arg Lys Ala Thr Lys Thr Leu Gly Ile Ile Leu Gly Ala Phe
E--> 35311 1 5 10 15
 35315 <210> SEQ ID NO: 2694
 35316 <211> LENGTH: 16
 35317 <212> TYPE: PRT
 35318 <213> ORGANISM: Homo Sapiens
 35320 <222> LOCATION: (310)...(326)
 35321 <223> OTHER INFORMATION: 5H1B_HUMAN
E--> 35322 <400> SEQUENCE: 2694
 35323 Arg Lys Ala Thr Lys Thr Leu Gly Ile Ile Leu Gly Ala Phe Ile Val
E--> 35324 1 5 10 15
 35328 <210> SEQ ID NO: 2695
 35329 <211> LENGTH: 16
 35330 <212> TYPE: PRT
 35331 <213> ORGANISM: Homo Sapiens
 35333 <222> LOCATION: (291)...(307)
 35334 <223> OTHER INFORMATION: 5H1D_HUMAN
E--> 35335 <400> SEQUENCE: 2695
 35336 Ile Ser Ala Ala Arg Glu Arg Lys Ala Thr Lys Ile Leu Gly Ile Ile
E--> 35337 1 5 10 15
 35341 <210> SEQ ID NO: 2696
 35342 <211> LENGTH: 16
 35343 <212> TYPE: PRT
 35344 <213> ORGANISM: Homo Sapiens
 35346 <222> LOCATION: (292)...(308)
 35347 <223> OTHER INFORMATION: 5H1D_HUMAN
E--> 35348 <400> SEQUENCE: 2696
 35349 Ser Ala Ala Arg Glu Arg Lys Ala Thr Lys Ile Leu Gly Ile Ile Leu
E--> 35350 1 5 10 15
 35354 <210> SEQ ID NO: 2697
 35355 <211> LENGTH: 16
 35356 <212> TYPE: PRT
 35357 <213> ORGANISM: Homo Sapiens
 35359 <222> LOCATION: (293)...(309)
 35360 <223> OTHER INFORMATION: 5H1D_HUMAN
E--> 35361 <400> SEQUENCE: 2697
 35362 Ala Ala Arg Glu Arg Lys Ala Thr Lys Ile Leu Gly Ile Ile Leu Gly
E--> 35363 1 5 10 15
 35367 <210> SEQ ID NO: 2698
 35368 <211> LENGTH: 16

*Same
errors*

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:33

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

35369 <212> TYPE: PRT
 35370 <213> ORGANISM: Homo Sapiens
 35372 <222> LOCATION: (294)...(310)
 35373 <223> OTHER INFORMATION: 5H1D_HUMAN
E--> 35374 <400> SEQUENCE: 2698
 35375 Ala Arg Glu Arg Lys Ala Thr Lys Ile Leu Gly Ile Ile Leu Gly Ala
E--> 35376 1 5 10 15
 35380 <210> SEQ ID NO: 2699
 35381 <211> LENGTH: 16
 35382 <212> TYPE: PRT
 35383 <213> ORGANISM: Homo Sapiens
 35385 <222> LOCATION: (295)...(311)
 35386 <223> OTHER INFORMATION: 5H1D_HUMAN
E--> 35387 <400> SEQUENCE: 2699
 35388 Arg Glu Arg Lys Ala Thr Lys Ile Leu Gly Ile Ile Leu Gly Ala Phe
E--> 35389 1 5 10 15
 35393 <210> SEQ ID NO: 2700
 35394 <211> LENGTH: 16
 35395 <212> TYPE: PRT
 35396 <213> ORGANISM: Homo Sapiens
 35398 <222> LOCATION: (297)...(313)
 35399 <223> OTHER INFORMATION: 5H1D_HUMAN
E--> 35400 <400> SEQUENCE: 2700
 35401 Arg Lys Ala Thr Lys Ile Leu Gly Ile Ile Leu Gly Ala Phe Ile Ne
E--> 35402 1 5 10 15
 35406 <210> SEQ ID NO: 2701
 35407 <211> LENGTH: 16
 35408 <212> TYPE: PRT
 35409 <213> ORGANISM: Homo Sapiens
 35411 <222> LOCATION: (133)...(149)
 35412 <223> OTHER INFORMATION: 5H1E_HUMAN
E--> 35413 <400> SEQUENCE: 2701
 35414 Lys Arg Thr Ala Lys Arg Ala Ala Leu Met Ile Leu Thr Val Trp Thr
E--> 35415 1 5 10 15
 48536 <210> SEQ ID NO: 3711
 48537 <211> LENGTH: 13
 48538 <212> TYPE: PRT
 48539 <213> ORGANISM: Homo Sapiens
 48541 <222> LOCATION: (476)...(492)
 48542 <223> OTHER INFORMATION: HH1R_HUMAN
E--> 48543 <400> SEQUENCE: 3711
 48544 Lys Lys Thr Phe Lys Arg Ile Leu His Ile Arg Ser
E--> 48545 1 5 10 15
 440249 <210> SEQ ID NO: 31872
 440250 <211> LENGTH: 8
 440251 <212> TYPE: PRT
 440252 <213> ORGANISM: Rattus norvegicus
W--> 440253 <220> FEATURE: Xaa *delete*
W--> 440254 <221> NAME/KEY: Nor-(N-met)Valine

Same errors

O delete

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:57

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

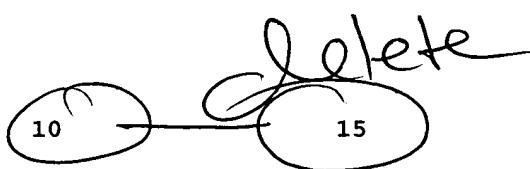
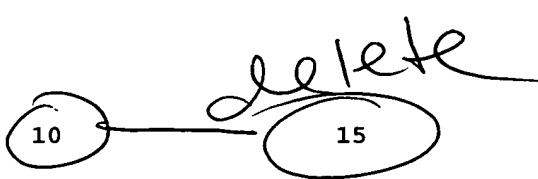
440255 <222> LOCATION: (1)... (8)
 440256 <223> OTHER INFORMATION: >GOP7
 440258 <400> SEQUENCE: 31872
 W--> 440259 Ile Xaa Ile Ala Lys Leu Lys Ala
 E--> 440260 1 5 10 15 delete delete
 440264 <210> SEQ ID NO: 31873
 440265 <211> LENGTH: 8
 440266 <212> TYPE: PRT
 440267 <213> ORGANISM: Rattus norvegicus
 W--> 440268 <220> FEATURE: all-N-Me 10 delete
 440269 <222> LOCATION: (1)... (8)
 440270 <223> OTHER INFORMATION: >GOP8
 440272 <400> SEQUENCE: 31873
 440273 Ile Ala Leu Leu Asn Met Glu Val Ile Ala
 E--> 440274 1 5 8 10 15 delete delete
 440278 <210> SEQ ID NO: 31874
 440279 <211> LENGTH: 5
 440280 <212> TYPE: PRT
 440281 <213> ORGANISM: Artificial
 W--> 440282 <220> FEATURE: Xaa delete
 W--> 440283 <221> NAME/KEY: Orn
 440284 <222> LOCATION: (1)... (5)
 440285 <223> OTHER INFORMATION: >GOP9
 440287 <400> SEQUENCE: 31874
 W--> 440288 Ile Val Xaa Lys Ala
 E--> 440289 1 5 10 15 delete delete
 440335 <210> SEQ ID NO: 31878
 440336 <211> LENGTH: 8
 440337 <212> TYPE: PRT
 440338 <213> ORGANISM: Rattus norvegicus
 W--> 440340 <220> FEATURE: Xaa delete
 W--> 440341 <221> NAME/KEY: N-methyl alanine
 440342 <222> LOCATION: (1)... (8)
 440343 <223> OTHER INFORMATION: >GOP13
 440345 <400> SEQUENCE: 31878
 W--> 440346 Ile Val Ile Xaa Lys Leu Lys Ala
 E--> 440347 1 5 10 15 delete
 440351 <210> SEQ ID NO: 31879
 440352 <211> LENGTH: 8
 440353 <212> TYPE: PRT
 440354 <213> ORGANISM: Rattus norvegicus
 W--> 440356 <220> FEATURE: Xaa delete
 W--> 440357 <221> NAME/KEY: N-methyl alanine
 440358 <222> LOCATION: (1)... (8)
 440359 <223> OTHER INFORMATION: >GOP14
 440361 <400> SEQUENCE: 31879
 W--> 440362 Ile Val Ile Ala Lys Leu Lys Xaa
 E--> 440363 1 5 10 15
 440367 <210> SEQ ID NO: 31880

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:57

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

440368 <211> LENGTH: 8
 440369 <212> TYPE: PRT
 440370 <213> ORGANISM: Rattus norvegicus
 W--> 440372 <220> FEATURE: Xaa *delete*
 W--> 440373 <221> NAME/KEY: Aib
 440374 <222> LOCATION: (1)...(8)
 440375 <223> OTHER INFORMATION: >GOP15
 440377 <400> SEQUENCE: 31880
 W--> 440378 Ile Val Ile Xaa Lys Leu Lys Ala
 E--> 440379 1 *5*
 440411 <210> SEQ ID NO: 31883
 440412 <211> LENGTH: 8
 440413 <212> TYPE: PRT
 440414 <213> ORGANISM: Rattus norvegicus
 W--> 440416 <220> FEATURE: Xaa, Xaa, Xaa *delete*
 W--> 440417 <221> NAME/KEY: Nva, Nle, Citruline
 440418 <222> LOCATION: (1)...(8)
 440419 <223> OTHER INFORMATION: >GOP18
 440421 <400> SEQUENCE: 31883
 W--> 440422 Ile Xaa Ile Ala Lys Xaa Xaa Ala
 E--> 440423 1 *5*
 440427 <210> SEQ ID NO: 31884
 440428 <211> LENGTH: 8
 440429 <212> TYPE: PRT
 440430 <213> ORGANISM: Rattus norvegicus
 W--> 440432 <220> FEATURE: Xaa *delete*
 W--> 440433 <221> NAME/KEY: O-methyl Tyrosine
 440434 <222> LOCATION: (1)...(8)
 440435 <223> OTHER INFORMATION: >GOP25
 440437 <400> SEQUENCE: 31884
 W--> 440438 Ile Xaa Ile Ala Lys Leu Lys Ala
 E--> 440439 1 *5*
 440443 <210> SEQ ID NO: 31885
 440444 <211> LENGTH: 8
 440445 <212> TYPE: PRT
 440446 <213> ORGANISM: Rattus norvegicus
 W--> 440447 <220> FEATURE: Xaa *delete*
 W--> 440448 <221> NAME/KEY: Citruline
 440449 <222> LOCATION: (1)...(8)
 440450 <223> OTHER INFORMATION: >GOP26
 440452 <400> SEQUENCE: 31885
 W--> 440453 Ile Val Ile Ala Xaa Leu Lys Ala
 E--> 440454 1 *5*
 440570 <210> SEQ ID NO: 31894
 440571 <211> LENGTH: 7
 440572 <212> TYPE: PRT
 440573 <213> ORGANISM: artificial
 W--> 440575 <220> FEATURE: Xaa, Xaa, peptide *see item 11 on error*
 W--> 440576 <221> NAME/KEY: Citruline, p-Fluoro phenyl alanine



Summary Sheet.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:57

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

440577 <222> LOCATION: (1)...(7)
 440578 <223> OTHER INFORMATION: >M511 Analogue 5
 440580 <400> SEQUENCE: 31894
 W--> 440581 Xaa Xaa Phe Xaa Xaa Xaa Ile
 E--> 440582 1 *S* 10 15 *delete* *see item #11 on error summary sheet*
 440586 <210> SEQ ID NO: 31895
 440587 <211> LENGTH: 8
 440588 <212> TYPE: PRT
 440589 <213> ORGANISM: artificial
 W--> 440591 <220> FEATURE: Xaa, Xaa, peptide
 W--> 440592 <221> NAME/KEY: Citruline, p-Fluoro phenyl alanine
 440593 <222> LOCATION: (1)...(8)
 440594 <223> OTHER INFORMATION: >M511 Analogue 6
 440596 <400> SEQUENCE: 31895
 W--> 440597 Xaa Xaa Xaa Ile Xaa Ile Ile Xaa
 E--> 440598 1 *S* 10 15 *delete*
 440602 <210> SEQ ID NO: 31896
 440603 <211> LENGTH: 8
 440604 <212> TYPE: PRT
 440605 <213> ORGANISM: artificial
 W--> 440607 <220> FEATURE: Xaa, Xaa, peptide
 W--> 440608 <221> NAME/KEY: Citruline, p-Fluoro phenyl alanine
 440609 <222> LOCATION: (1)...(8)
 440610 <223> OTHER INFORMATION: >M511 Analogue 7
 440612 <400> SEQUENCE: 31896
 W--> 440613 Phe Xaa Xaa Xaa Ile Xaa Ile Ile
 E--> 440614 1 5 10 15
 440618 <210> SEQ ID NO: 31897
 440619 <211> LENGTH: 8
 440620 <212> TYPE: PRT
 440621 <213> ORGANISM: artificial
 W--> 440623 <220> FEATURE: Xaa, Xaa, peptide
 W--> 440624 <221> NAME/KEY: Citruline, p-Fluoro phenyl alanine
 440625 <222> LOCATION: (1)...(8)
 440626 <223> OTHER INFORMATION: >M511 Analogue 8
 440628 <400> SEQUENCE: 31897
 W--> 440629 Xaa Xaa Phe Xaa Xaa Xaa Ile Xaa
 E--> 440630 1 5 10 15
 440653 <210> SEQ ID NO: 31900
 440654 <211> LENGTH: 28
 440655 <212> TYPE: PRT
 440656 <213> ORGANISM: Mus musculus
 440658 <222> LOCATION: (1)...(28)
 440659 <223> OTHER INFORMATION: >mouse PrpC (1-28)
 E--> 440661 <400> SEQUENCE: 31900
 440662
 Met Ala Asn Leu Gly Tyr Trp Leu Leu Ala Leu Phe Val Thr Met Trp Thr Asp Val Gly Leu
 E--> 440663 Cys Lys Lys Arg Pro Lys Pro
 E--> 440664 1 5 10 15
 440668 <210> SEQ ID NO: 31901

INVALID RESPONSE

Same errors (as the above)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:57

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

440669 <211> LENGTH: 28
440670 <212> TYPE: PRT
440671 <213> ORGANISM: Homo sapiens
440673 <222> LOCATION: (1)... (28)
440674 <223> OTHER INFORMATION: >human PrpC(1-28)
E--> 440676 <400> SEQUENCE: 31901

440677

Met Ala Asn Leu Gly Cys Trp Met Leu Val Leu Phe Val Ala Thr Trp Ser Asp Leu Gly Leu
E--> 440678 Cys Lys Lys Arg Pro Lys Pro

E--> 440679 1 5 10 15

440683 <210> SEQ ID NO: 31902

440684 <211> LENGTH: 30

440685 <212> TYPE: PRT
440686 <213> ORGANISM: Bos taurus

440688 <222> LOCATION: (1)... (30)

440689 <223> OTHER INFORMATION: >bovine PrpC (1-30)
E--> 440691 <400> SEQUENCE: 31902

440692

Met Val Lys Ser Lys Ile Gly Ser Trp Ile Leu Val Leu Phe Val Ala Met Trp Ser Asp Val Gly
E--> 440693 Leu Cys Lys Lys Arg Pro Lys Pro

E--> 440694 1 5 10 15

440754 <210> SEQ ID NO: 31907

440755 <211> LENGTH: 25

440756 <212> TYPE: PRT
440757 <213> ORGANISM: Homo sapiens

440759 <222> LOCATION: (1)... (25)

440760 <223> OTHER INFORMATION: >PS-2 (86-110)

E--> 440762 <400> SEQUENCE: 31907

440763

Lys Val His Ile Met Leu Phe Val Pro Val Thr Leu Cys Met Ile Val Val Val Ala Thr Ile Lys
E--> 440764 Ser Val Arg

E--> 440765 1 5 10 15

440828 <210> SEQ ID NO: 31912

440829 <211> LENGTH: 23

440830 <212> TYPE: PRT

440831 <213> ORGANISM: artificial

W--> 440833 <220> FEATURE: peptide

440834 <222> LOCATION: (1)... (23)

440835 <223> OTHER INFORMATION: >YTA-2ps

440837 <400> SEQUENCE: 31912

440838

Ser Gly Glu Ser Leu Ala Tyr Tyr Thr Ala Ile Ala Trp Val Lys Ala Phe Ile Arg Lys Leu Arg
E--> 440839 Lys

E--> 440840 1 5 10 15

The type of errors shown exist throughout
the Sequence listing. Please check subsequent
sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/28/2006
PATENT APPLICATION: US/10/517,079B TIME: 09:10:58

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:31859; Line(s) 440086
Seq#:31861; Line(s) 440114
Seq#:31900; Line(s) 440662
Seq#:31901; Line(s) 440677
Seq#:31902; Line(s) 440692
Seq#:31907; Line(s) 440763
Seq#:31909; Line(s) 440793
Seq#:31912; Line(s) 440838

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:31871,31874,31889,31894,31895,31896,31897,31899,31909,31910,31911,31912
Seq#:31913,31914,31915,31916,31917,31918,31919,31920,31921,31922,31923,31924
Seq#:31925,31926,31927,31928,31929,31930,31931,31932,31933

VERIFICATION SUMMARY

DATE: 08/28/2006

PATENT APPLICATION: US/10/517,079B

TIME: 09:10:58

Input Set : N:\RJAVED\10517079.txt

Output Set: N:\CRF4\08282006\J517079B.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2253 M:283 W: Missing Blank Line separator, <400> field identifier
L:2254 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (150) SEQUENCE:
L:2264 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:151
L:2264 M:283 W: Missing Blank Line separator, <400> field identifier
L:2277 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:152
L:2277 M:283 W: Missing Blank Line separator, <400> field identifier
L:2290 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:153
L:2290 M:283 W: Missing Blank Line separator, <400> field identifier
L:2303 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:154
L:2303 M:283 W: Missing Blank Line separator, <400> field identifier
L:2316 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:155
L:2316 M:283 W: Missing Blank Line separator, <400> field identifier
L:2329 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:156
L:2329 M:283 W: Missing Blank Line separator, <400> field identifier
L:2342 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:157
L:2342 M:283 W: Missing Blank Line separator, <400> field identifier
L:2355 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:158
L:2355 M:283 W: Missing Blank Line separator, <400> field identifier
L:2368 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:159
L:2368 M:283 W: Missing Blank Line separator, <400> field identifier
L:2381 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:160
L:2381 M:283 W: Missing Blank Line separator, <400> field identifier
L:2394 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:161
L:2394 M:283 W: Missing Blank Line separator, <400> field identifier
L:2407 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:162
L:2407 M:283 W: Missing Blank Line separator, <400> field identifier
L:2420 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:163
L:2420 M:283 W: Missing Blank Line separator, <400> field identifier
L:2433 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:164
L:2433 M:283 W: Missing Blank Line separator, <400> field identifier
L:2446 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:165
L:2446 M:283 W: Missing Blank Line separator, <400> field identifier
L:2459 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:166
L:2459 M:283 W: Missing Blank Line separator, <400> field identifier
L:2472 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:167
L:2472 M:283 W: Missing Blank Line separator, <400> field identifier
L:2485 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:168
L:2485 M:283 W: Missing Blank Line separator, <400> field identifier
L:2498 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:169
L:2498 M:283 W: Missing Blank Line separator, <400> field identifier
L:2511 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:170
L:2511 M:283 W: Missing Blank Line separator, <400> field identifier
L:2524 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:171
L:2524 M:283 W: Missing Blank Line separator, <400> field identifier
L:2537 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:172
L:2537 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY DATE: 08/28/2006
PATENT APPLICATION: US/10/517,079B TIME: 09:10:58

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

L:2550 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:173
L:2550 M:283 W: Missing Blank Line separator, <400> field identifier
L:2563 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:174
L:2563 M:283 W: Missing Blank Line separator, <400> field identifier
L:2576 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:175
L:2576 M:283 W: Missing Blank Line separator, <400> field identifier
L:2589 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:176
L:2589 M:283 W: Missing Blank Line separator, <400> field identifier
L:2602 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:177
L:2602 M:283 W: Missing Blank Line separator, <400> field identifier
L:2615 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:178
L:2615 M:283 W: Missing Blank Line separator, <400> field identifier
L:2628 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:179
L:2628 M:283 W: Missing Blank Line separator, <400> field identifier
L:2641 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:180
L:2641 M:283 W: Missing Blank Line separator, <400> field identifier
L:2654 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:181
L:2654 M:283 W: Missing Blank Line separator, <400> field identifier
L:2667 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:182
L:2667 M:283 W: Missing Blank Line separator, <400> field identifier
L:2680 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:183
L:2680 M:283 W: Missing Blank Line separator, <400> field identifier
L:2693 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:184
L:2693 M:283 W: Missing Blank Line separator, <400> field identifier
L:2706 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:185
L:2706 M:283 W: Missing Blank Line separator, <400> field identifier
L:2719 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:186
L:2719 M:283 W: Missing Blank Line separator, <400> field identifier
L:2732 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:187
L:2732 M:283 W: Missing Blank Line separator, <400> field identifier
L:2745 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:188
L:2745 M:283 W: Missing Blank Line separator, <400> field identifier
L:2758 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:189
L:2758 M:283 W: Missing Blank Line separator, <400> field identifier
L:2771 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:190
L:2771 M:283 W: Missing Blank Line separator, <400> field identifier
L:2784 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:191
L:2784 M:283 W: Missing Blank Line separator, <400> field identifier
L:2797 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:192
L:2797 M:283 W: Missing Blank Line separator, <400> field identifier
L:2810 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:193
L:2810 M:283 W: Missing Blank Line separator, <400> field identifier
L:2823 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:194
L:2823 M:283 W: Missing Blank Line separator, <400> field identifier
L:2836 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:195
L:2836 M:283 W: Missing Blank Line separator, <400> field identifier
L:2849 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:196
L:2849 M:283 W: Missing Blank Line separator, <400> field identifier
L:2862 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:197

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006

TIME: 09:10:58

Input Set : N:\RJAVED\10517079.txt

Output Set: N:\CRF4\08282006\J517079B.raw

L:2862 M:283 W: Missing Blank Line separator, <400> field identifier
L:2875 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:198
L:2875 M:283 W: Missing Blank Line separator, <400> field identifier
L:2888 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:199
L:2888 M:283 W: Missing Blank Line separator, <400> field identifier
L:2901 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:200
L:14460 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1089
L:14473 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1090
L:14486 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1091
L:35207 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2685
L:35220 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2686
L:35233 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2687
L:35246 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2688
L:35259 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2689
L:35272 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2690
L:35285 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2691
L:35298 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2692
L:35311 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2693
L:35324 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2694
L:35337 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2695
L:35350 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2696
L:35363 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2697
L:35376 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2698
L:35389 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2699
L:35402 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2700
L:35415 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2701
L:35428 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2702
L:35441 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2703
L:35454 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2704
L:35467 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2705
L:35480 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2706
L:35493 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2707
L:35506 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2708
L:35519 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2709
L:35532 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2710
L:35545 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2711
L:35558 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2712
L:35571 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2713
L:35584 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2714
L:35597 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2715
L:35610 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2716
L:35623 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2717
L:35636 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2718
L:35649 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2719
L:35662 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2720
L:35675 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2721
L:35688 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2722
L:35701 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2723
L:35714 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2724

VERIFICATION SUMMARY

DATE: 08/28/2006

PATENT APPLICATION: US/10/517,079B

TIME: 09:10:58

Input Set : N:\RJAVED\10517079.txt

Output Set: N:\CRF4\08282006\J517079B.raw

L:35727 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2725
 L:35740 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2726
 L:35753 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2727
 L:35766 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2728
 L:35779 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2729
 L:35792 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2730
 L:35805 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2731
 L:48545 M:252 E: No. of Seq. differs, <211> LENGTH:Input:13 Found:12 SEQ:3711
 L:439822 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (31840) SEQUENCE:
 L:440162 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (31865) SEQUENCE:
 L:440239 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440253 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440254 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31872
 L:440259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31872 after pos.:0
 L:440268 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440274 M:252 E: No. of Seq. differs, <211> LENGTH:Input:8 Found:10 SEQ:31873
 L:440282 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440283 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31874
 L:440288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31874 after pos.:0
 L:440340 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440341 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31878
 L:440346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31878 after pos.:0
 L:440356 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440357 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31879
 L:440362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31879 after pos.:0
 L:440372 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440373 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31880
 L:440378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31880 after pos.:0
 L:440416 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440417 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31883
 L:440422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31883 after pos.:0
 L:440432 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440433 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31884
 L:440438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31884 after pos.:0
 L:440447 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440448 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31885
 L:440453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31885 after pos.:0
 L:440504 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440575 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440576 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31894
 L:440581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31894 after pos.:0
 L:440591 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440592 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31895
 L:440597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31895 after pos.:0
 L:440607 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440608 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31896
 L:440613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31896 after pos.:0
 L:440623 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:440624 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31897

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/517,079B

DATE: 08/28/2006
TIME: 09:10:59

Input Set : N:\RJAVED\10517079.txt
Output Set: N:\CRF4\08282006\J517079B.raw

L:440629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31897 after pos.:0
L:440635 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (31898) SEQUENCE:
L:440643 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440788 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440803 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440818 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440833 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440849 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440864 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440879 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440894 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440909 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440924 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440939 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440954 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440969 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440984 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:440999 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:441014 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:441029 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:441044 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:441059 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:441074 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:441089 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:441104 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:441119 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:441134 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:441149 M:256 W: Invalid Numeric Header Field, <220> has non-blank data